

HAVLICEK, M.

"A meeting of the committee on Electroacoustics and Studio Techniques of the International Broadcasting Organization." p. 204.

SLABOPROUDY OBZOR. (MINISTERSTVO PRESNEHO STROJIRENSTVI, MINISTERSTVO SPOJU A VEDECKA TECHNICKA SPOLECNOST PRO ELEKTROTECHNIKU PRI CSAV.) Praha, Czechoslovakia, Vol. 20, no. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.  
Uncl.

HAVLICEK, M.

"Activities of the technical commission of the International Broadcasting Organization." P. 405.

SLABOPROUDY OBZOR. (Ministerstvo presneho strojirenstvi, Ministerstvo spoju a Vedecka technicka spolecnost pro elektrotechniku pri CSAV). Praha, Czechoslovakia, Vol. 20, No. 6, June 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6,  
August 1959.  
Uncla.

Z/039/60/021/01/028/040  
E073/E135

AUTHOR: M. Havlíček (Engineer)

TITLE: Annual Meeting of the International Broadcasting  
Organisation (OIR)

PERIODICAL: Slaboproudý Obzor, 1960, Vol 21, Nr 1, pp 59-60

ABSTRACT: Brief report on this meeting, held on July 13 to 25,  
1959, in Helsinki.

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Z/014/61/000/002/002/005  
A205/A126

AUTHOR: Havlíček, M., Engineer

TITLE: GDR communication and electro-engineering industry in  
1961 - 1965

PERIODICAL: Sdělovací technika, no. 2, 1961, 65 - 67

TEXT: The article gives information on the planned development of communication engineering and other branches of GDR electro-engineering industry in 1961 - 1965, as outlined by the Decree of the Economical Commission at the Politburo of the Central Committee of the United Socialist Party and the GDR State Planning Commission. This article is compiled from information listed in an enclosure to the East-German journal "Machrichtentechnik" (1960), no. 9. To coordinate the 5-Year-Plan periods in the GDR with those in other socialist countries, a 7-Year-Plan was introduced for the period 1959 - 1965. During this time the capacity of electro-engineering industry will reach 266% and work productivity 268% as referred to 1958 (-100%). Production increases expected for 1961 (percentages given in parentheses) and for 1965, are listed as follows:  
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GDR communication and ...

communication-engineering products, chiefly semiconductor elements (174) 37%; low-voltage switches (176) 35%; TV sets (311) 42%; electrical household appliances (231) 31%. The planned development will be achieved by improved planning methods, technical progress, new technologies, quality improvements, standardization, mechanization and automation, and special training of workers. The technical development will be accelerated by international cooperation within the scope of the "RVHP" (Council of Mutual Economic Aid). Starting 1961, all electro-engineering products must meet requirements for "Q" (=quality) trademarking and must be guaranteed for at least 12 months. The share of standardized products in the total electro-engineering industry output will be increased from 14 to at least 75% (that of transformers from 3 to 50%, that of cables and leads from 32 to 80% and that of low-voltage switches from 4 to 80%). Already in 1962, the variety of types produced will be reduced for high-voltage switches from 302 to 48, for TV sets from 11 to 2, and for radio sets from 33 to 9 types. The "ZTE" - Zentralstelle für Technologie der Elektrotechnik (Central office for Electro-Engineering Technology) will be established in Dresden to organize and coordinate the introduction of new technologies and production equipment, to train workers, secure documentation, etc.

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According to the example of Karl-Marx-Stadt, centers for the rental of standard tools and implements will be established in Berlin, Dresden, Leipzig and Gera. Centers in Berlin and Dresden will be specialized for electronics. New production-inspection methods will be applied and the existing wage system will be reviewed for changes. The Decree also urges suppliers of electro-engineering industry to make priority deliveries of high-quality materials and semiproducts and it mentions the production or development of plastic materials (polystyrene, polyethylene, fluorocarbons, etc.), insulating materials (polycarbonates, tetraphthalates and triacetates), synthetic resins (phenolic, epoxy, melamine and silicone), germanium, silicon, indium and filler materials of high purity and fineness, transformer sheets, etc. The demand for TV picture tubes with 43 cm/110 deg. deflection will be covered still in 1961, that for 53 cm/110 deg. deflection by 1963. Organizations "Kammer der Technik" and "Gesellschaft zur Verbreitung wissenschaftlicher Kenntnisse" (Chamber of Engineering and Society for the Propagation of Scientific Knowledge) will cooperate with trade schools to improve qualifications of employees. The share of employees with university and high-school-level education per 1,000 workers will increase from 8.5 and 37.1 in 1960 to Card 3/7

GDR communication and ...

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26 and 70 respectively by 1965. Special fields of communication-engineering development, as listed in the Decree, are miniature and subminiature elements, semiconductors, electron tubes, radiocommunication and TV, telephony and measuring instruments. A permanent exhibition of electronic elements will give a survey on conventional and novel products, their parameters and delivery terms. The production plan of germanium and silicon semiconductors includes: for 1960, starting the production of "OC816" - "OC823" transistors, "OC831" - "OC833" 1 W transistors, "OC871" - "OC872" rf transistors for up to 10 Mc, "OA720" - "OA780" switch diodes and "OY121" - "OY123" 7 a germanium rectifiers, and the development of "OC836" - "OC839" 4 w power transistors, silicon diodes for decimeter waves, power Zeners and 2 A silicon rectifiers; for 1961, starting the production of germanium transistors with 10 w power loss and cutoff frequencies up to 100 Mc; for 1962, starting the production of silicon transistors and junction rectifiers up to 100 a. The specialization of plants producing rectifiers will be completed in 1960, the construction of a semiconductor plant in Frankfurt an der Oder-Markendorf will be prepared in 1960-62, and the construction of a "Semiconductor Research Institute" in Stahnsdorf will be completed by 1962. The development of uhf tubes at Card 4/7

GDR communication and ...

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the "APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617920010-5" serial production of travelling-field tubes, klystrons and magnetrons will start in 1961. The Decree also mentions the production of an improved iconoscope (Riesikonoskop F9/M3) in 1960 and the production of superorthicons in 1961. The entire production of cathodes and getters for vacuum engineering will be centralized at the "VEB Röhrenwerk "Anna Seghers"". The production, assembly and packing of TV picture tubes at the "VEB Werk für Fernsehelektronik" in Berlin-Oberschöneweide will be mechanized and partially automated. The "VEB Keramische Werke" in Hermsdorf will introduce the production of Mn-Zn ferrites with initial permeability of 2,000 and of rectangular ferrites for meter waves in 1960. The production of Mn-Zn ferrites with initial permeability over 3,500 and of special ferrites will be started in late 1961. Planned capacitor production includes dry-electrolyte tantalum capacitors, tropicalized types for airborne equipment with operating temperatures of -60 to +140°C, and low-voltage capacitors for transistorized instruments with printed circuits. The development of transmitters includes a 10 kw FM transmitter for the IIInd radio band and a 10 kw TV transmitter for the IIIrd band in 1960; a 20 kw short-wave transmitter with single-sideband modulation and a 100 kw Card 5/7

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medium-wave radio transmitter in 1961; and a 100 kw short-wave radio transmitter by 1962. In the field of directional links, development of "RVG 935" and "RVG 958" TV transmission equipment will be completed and delivery will start by 1962. Development of transmitters, antennae, power cables etc., for the IVth and Vth TV band will be accelerated. A total of 560,000 TV sets will be produced in 1961. The 1960 production program includes: TV sets with 53 cm/110 deg. deflection tubes, stereophonic reproduction equipment, transistorized automobile radios for meter waves with automatic tuning, tape recorders, stereo records (VEB Deutsche Schallplatte), etc. The 1961 production program includes portable battery-and-grid powered TV sets, battery-powered tape recorders and dictaphones. The production of color TV equipment, stereo radios, magnetron kitchen ranges and air-conditioning equipment is expected to start by 1965. The production of radio sets will be centralized at the "VEB Stern-Radio" Plants in Berlin (portable and automobile radios), in Sonneberg (small radios) and in Rochlitz (medium and large radios). By 1965, the GDR will install 425,000 new telephone extensions and automate 50% of long-distance exchanges, using "V 60" multi-channel, carrier-telephony equipment. Standardization of electrical measuring instruments for non-electrical magnitudes will be completed in Card 6/7 ✓

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GDR communication and ...

1961, and all measuring equipment products will be adapted to international standards. The digital standardization decree also applies to industries related to communications engineering (e.g. the production of 55,000 m<sup>2</sup> copper-plated for plane-type wirings is provided for 1961). The "Scientific-Technical Center for Radiologic Technique and Medical Electronics", sofar an affiliate of the "VEB Transformatoren und Röntgenwerk" in Dresden, will become an independent institute in 1961. Research on isotopic irradiation of tumors will be completed in 1961, and the production of such irradiation equipment will be started by 1963. The article is followed by a note of the editor, stating that the communication engineering industry of the GDR is one of the most important partners of the CSSR in the fulfillment of common tasks, set forth by the Mutual Economic Aid Council. There is 1 table. ✓

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617920010-5

HAVLICEK, M., inz.

Meeting of the Technical Commission of the International  
Radio and Television Organization in Budapest. Slaboproudý  
obzor 22 no.10:645-647 0 '61.

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617920010-5"

HAVLICEK, M., inz.

The car radio receiver. Sdel tech 10 no.7:265-266 J1 '62.

HAVLICEK, M., inz.

Long-term plan of the British television and radio development.  
Sdel tech 10 no.12:467-469 D '62.

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617920010-5

HAVLICEK, M., inz.

Conference of International Radio and Television Organization  
on stereophony. Slaboproudý obzor 23 no.1:62-64 Ja '62.

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617920010-5"

HAVLICEK, M., inz.

Overloading of decameter wave bands and their unloading.  
Slaboproudny obzor 23 no.10:594-597 0 '62.

HAVLICEK, Miroslav, inz.

Electron technology. Sdel tech 11 no.1:11-12 Ja '63.

HAVLICEK, R.

Packaged boilers.

P. 270, (Energetika) Vol. 7, no. 5, May 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

HAVLICEK, R.

Remarks on the development series of nuclear power plants.  
Jaderna energie 10 no.8:298-304 Ag '64.

DRAHNY, MILOS; JANUSKA, Karel; LEHL, Pavel; NOVAK, Stanislav; BARTL, Josef; BOHAL, Ladislav; HAVLICEK, Rostislav; KORINEK, Stanislav.

Optimization of parameters of a nuclear power station with heterogeneous heavy water reactor on  $\text{CO}_2$ - cooled natural uranium.  
Jaderna energie 10 no.7:254 Jl'64

1. Research Institute of Power Engineering, Prague (for Drahny, Januska, Lehl, Novak, Bartl). 2. State Institute Energoprojekt, Prague (for Bohal, Havlicek, Korinek).

BOHAL, Ladislav; DRAHNY, Miroslav; HAVLICEK, Rostislav; JANUSKA, Karel

Method of optimization of parameters of nuclear power plants  
with heavy water gas-cooled reactors. Jaderna energie 10 no.12:  
434-438 D 164.

1. State Design Institute Energoprojekt, Prague (for Bohal and  
Havlicek). 2. Research Institute of Power Engineering, Prague  
(for Drahny and Januska).

HAVLICEK, V.

Domestic materials are being used for construction of agricultural buildings. p. 553.  
(ZA SOCIALISTICKE ZEMEDELSTVI, Vol. 3 #5, May 1953, Czechoslovakia)

SO: Monthly List of East European Accessions, Vol. 2 #3, Library of Congress  
August 1953, Incl.

HAVLICEK, V.; POLYDOROVA, M.; SPURNY, K.

Analytic methods for determining aerosols by using the membrane  
ultrafilters; electrical rigidity of membrane ultrafilters. Coll Cz  
Chem 26 no.4:932-936 Ap '61.

1. Institut fur physikalische Chemie, Tschechoslowakische Akademie  
der Wissenschaften, Prag.

(Aerosols) (Filters and filtration)

HAVLÍČEK, V.

A new type of intermediate cooler for compressors. p. 457  
STROJIRENSTVI ("ministerstvo tezkeho strojirenstvi, ministerstvo presneho  
strojirenstvi a Ministerstvo automo ilovenic prumyslu a  
zemedelskych stroj.) Vol. 4, No. 10, Oct. 1951

Praha, Czechoslovakia

SOURCE: East European List (EEAL) Library of  
Congress, Vol. 5, No. 1, January 1957

HAVLICEK, V.

"Frequency Calculation of Proper Torsion Vibration of Crankshafts." p. 512, Praha, Vol. 3,  
no. 7, July 1953.

90: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

BOBEK, K., prof., dr.; BARCAL, J., MUDr.; HAVLICEK, V., inz.; KRECMER, V.,  
inz., C.Sc.; MATOUSEK, J., p.l.; NOVAK, J., MUDr.; NOVAK, V., prof.,  
inz., dr.; STIBOR, J., MUDr.; BAYER, K.

Commenting on K. Bayer's ideas on applied meteorology. Meteor spravy  
15 no.6:179-180 D '62.

HAVLICEK, V.; KRECMER, V.

Discussion on mutual relations between theoretical and applied  
meteorology. Vestnik CSAV 72 no.1:127-130 '63.

CZECHOSLOVAKIA/Human and Animal Physiology. Nervous System.  
Higher Nervous System. Behavior.

T

Abs Jour: Ref Zhur-Biol., No 20, 1958, 936-48.

Author : Havlicek, V.

Inst : Inst. of Psychology, Czechoslovak Academy of Sciences.

Title : Effect of Vitamin B<sub>1</sub> on Higher Nervous Activity.

Orig; Pub: Ceskosl. fysiol., 1957, 6, No 4, 483-488.

Abstract: Conditioned motor food reflexes (CR) were developed in dogs and latent CR periods (LP) were automatically registered with an exactitude of 0.01 sec.. Nutritional reinforcements followed immediately CR; the shorter the LP the faster, from the beginning of the signal's action, the animal received its food. In the stereotype CR it was possible to statistically prove "forced cor-

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CZECHOSLOVAKIA/Human and animal Physiology. Nervous System.  
Higher Nervous System. Behavior.

T

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93648.

relations" of LP in response to both weak (30 db) and strong (60 db) auditory signals. After a prolonged period of internal administration of large doses of thiamine (5 - 25 mg/kg daily) 3 animals showed distinct improvement in "forced correlations" while one animal showed a slight deterioration. However, not one animal showed a stable or a paradoxical phase and the differentiation remained absolute. The problem evoked by the diametrically opposed results obtained by Zeval' [?] in earlier experiments by giving his dogs considerably lower doses of thiamine is considered. -- V. Gavlichek.

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Country :Czechoslovakia  
Category :Human and Animal Physiology, The Nervous System T  
Abs. Jour. :Ref Zhur Biol, No. 2, 1959, No. 8501  
Author :Havlicek, V.  
Institut. :  
Title :The Influence of Vitamin B<sub>1</sub> on higher nervous activity. An Attempt to Study the "Force Relationships" Present in the Formation of Temporary Connections between Motor and Acoustic Analyzers.  
Orig. Pub. :Physiol. bohemosl., 1957, 6, No. 4, 492--499  
Abstract :no abstract

Card: 1/1

HRBEK, Jar.; HRBEK, Jan; HAVLICEK, V.; HREBICEK, J.; SKLENOVSKY, A.

Epidural recording of electrical activity of the brain in a cat  
preparation in wakeful state. Activ. nerv. sup. 4 no.2:135-136 '62.

1. Laborator VNC lekarske fakulty Palackeho university v Olomouci,  
katedra patologicke fyziologie lekarske fakulty Palackeho university  
v Olomouci.

(BRAIN physiol)

HRBEK, Jar.; HRBEK, Jan; HAVLICEK, V.; HREBICEK, J.; SKLENOVSKY, A.

Localization of cortical areas of analyzers in the cat. Activ. nerv. sup. 4 no.2:136-137 '62.

1. Laborator VNC lekarske fakulty Palackeho university v Olomouci,  
katedra patologicke fyziologie lekarske fakulty Palackeho university  
v Olomouci.

(CEREBRAL CORTEX physiol)

HRBEK, Jar.; HRBEK, Jan.; HAVLICEK, V.; HREBICEK, J.; SKLENOVSKY, A.

The cortical area of proprioceptive analyzers, its somatotropic sectors and projection areola. Activ. nerv. sup. 4 no.2:137-138 '62.

1. Laborator VNC lekarske fakulty Palackeho university v Olomouci,  
katedra patologicke fyziologie lekarske fakulty Palackeho university  
v Olomouci.

(CEREBRAL CORTEX physiol)

HRBEK, Jar.; HRBEK, Jan.; HAVLICEK, V.; HREBICEK, J.; SKLENOVSKY, A.

The proprioceptive motor and interoceptive interomotor control circuit.  
Activ. nerv. sup. 4 no.2:138-139 '62.

1. Laborator VNC lekarske fakulty Palackeho university v Olomouci,  
katedra patologicke fyziologie lekarske fakulty Palackeho university  
v Olomouci.

(CEREBRAL CORTEX physiol) (REFLEX CONDITIONED)  
(MOVEMENT physiol)

HRBEK, Jar.; HRBEK, Jan ; HAVLICEK, V.; HREBICEK, J.; SKLENOVSKY, A.

The problem of local and distal recording of evoked potentials. Actuv.  
nerv. sup. 4 no.2:139-140 1962.

1. Laborator VNC lekarske fakulty Palackeho university v Olomouci,  
katedra patologicke fyziologie lekarske fakulty Palackeho university  
v Olomouci.

(CEREBRAL CORTEX physiol)

HAVLICEK, V.

Experimental neurosis and Selye's adaptation syndrome. Activ. nerv.  
sup. 4 no.3/4:322-330 '62. ;

1. Laboratory for Higher Nervous Activity, Palacky University, Olomouc.  
(NEUROSES) (STRESS) (REFLEX CONDITIONED)  
(CORTICOTROPIN) (HUNGER) (BLOOD PRESSURE)  
(RESPIRATORY SYSTEM) (ELECTROENCEPHALOGRAPHY)

CZECHOSLOVAKIA

HAVLICEK, V.; MEDEK, A.; JANOUT, V.; Laboratory of Higher Nervous Activity, Palacky University, Olomouc.

"Evoked Potentials in the Visual Analyzer at Differing Levels of Light Adaptation."

Prague, Activitas Nervosa Superior, Vol 5, No 4, 1963, pp 341 - 345

Abstract: (Authors' English abstract) The amplitudes of cortical responses to light stimuli (epidurally recorded in 18 cataractized cats) are greater in the dark than in light. In the dark responses are closer, showing more pronounced synchronization of neuron masses. 1% of atropine showed no influence. Main changes were in the negative postsynaptic component. Increased evoked responses in the dark were found in the colliculi superiores, responses in the corpus geniculatum laterale changed irregularly. Evoked responses of the acoustic analyzer stimulated by a click were greater in the dark. Findings differ from Chang (1952); these were obtained with electrical stimulation.

5 Figures, 8 Western, 2 Czech references.

1/1

Effect of noradrenaline on the unit activity of the rostral part of the brain stem reticular formation. Activ. nerv. sup. (Praha) 7 no.1:31-36 '65.

1. Laboratory for Higher Nervous Activity, Palacky University, Olomouc.

HAVLICEK, V., inz., CSc.

Problem of stable ventilation. Meteor zpravy 16 no.3/4:  
53-55 Ag '63.

1. Bioklimaticky ustav, Vysoka skola zemedelska, Brno.

VORLICEK, Jan, RNDr.; HAVLICEK, Vaclav

Titration determination of carbon dioxide in ores.  
Rudy 11 no.3:87-88 Mr '63.

1. Vyzkumny ustav zelezorudnych dolu a hrudkoven, Mnisek pod  
Brdy.

HAVLICEK, Viktor, inż.; TRAC, Ereditislav, inż.

Use of particle boards and flax shive boards in furniture production. Drevo 20 no.2;71-74 F '65.

1. Vyvoj nabytkarskeho prumyslu, Brno.

HAVLICEK, V.

Havlicek, V.; Marek, V. "The Utilization of Glass Tubes in Heat Exchangers". p. 256  
(Strojirenstv, Vol. 3, no. 4, Apr. 1953, Praha)

SO: Monthly List of East European Accessions, Vol. 3, No. 3, March 1954, Uncl.

HAVÍČEK, V.

Method for the exact measuring of the specific electric surface resistance of  
glass fibers.

P. 23, (Silikaty) Vol. 1, no. 1, 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Acquisitions (EMAI) Vol. 6, No. 11 November 1957

HAVLICEK, V.

✓ The coefficients of compressibility for gases. V. Havlicek. *Srovnensiv* 8, 903-4 and inclosure (1958). Simple, but sufficiently precise methods for detg. the degree of deviation of gases from the equation of state of ideal gases are discussed. The method presented, simplified in many respects and applicable in practice, facilitates substantially the necessary calcns. Three diagrams are given for coeffs. at low (0 to 1 atm.), medium (0 to 10 atm.) and high pressure (0 to 40 atm.) for gases such as: Ar, C<sub>2</sub>H<sub>6</sub>, butane, isobutane, 1-butene, NH<sub>3</sub>, deuterium, N<sub>2</sub>, ethane, ethylene, Et<sub>2</sub>O, He, heptane, hexane, NO, CO, CO<sub>2</sub>, O<sub>2</sub>, CH<sub>4</sub>, MeF, Ne, pentane, isopentane, propane, propylene/H<sub>2</sub>S, H<sub>2</sub>, air, H<sub>2</sub>O, and xenon. 10 references. Jos. Lederer

JWS

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Distr: 4E3d

4  
2-May  
JWS

HAVLICEK, Vladimir, inz.; JELINEK, Karel

Viscosity and reactivity of urea-formaldehyde glues with various  
molar ratios. Drevo 19 no.11:404-406 N '64.

1. Research Institute of Synthetic Resins and Lacquers, Pardubice.

GDR/Chemical Technology. Chemical Products and Their  
Application. Ceramics. Glass. Binding Materials.  
Concrete.

Abs Jour: Ref Zhur-Khim., No 10, 1959, 35736.

Author : Hinz, W. and Havlicek, V.

Inst :  
Title : The Electrical Surface Conductivity of Glass Fibers.

Orig Pub: Glastech Ber, 31, No 11, 422-428 (1958) (in German  
with English and French summaries)

Abstract: When glass wool (GW) is used in electrical insulation applications, the surface resistivity is of far greater importance than the volume resistivity of the GW; the surface conductivity (SC) is greater than the volume conductivity by several orders of magnitude. Whereas in ordinary glass the resistivity at 20° is

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GDR/Chemical Technology. Chemical Products and Their  
Application. Ceramics. Glass. Binding Materials.  
Concrete.

Abs Jour: Ref Zhur-Khim., No 10, 1959, 35736.

$10^{11}$ - $10^{16}$  ohm-cm, and that of quartz glass attains  $10^{18}$  ohm-cm, the surface resistivity of glass at 20° lies in the range  $10^{16}$ - $10^6$  ohm [sic], depending on the composition of the glass, the moisture content of the surrounding medium, and the test time. The SC of glass fibers also depends on the lubricants and impregnating substances used; because of this dependence some difficulty is experienced in arriving at a true value of the SC of pure GW. The investigation of the SC of GW is connected with the solution of a number of problems: the formation of moisture films on the surface of the GW, changes in the surface of the GW under the action of adsorbed moisture, the for-

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"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617920010-5

HAVLICEK, Vitezslav (Plaminkove 15, Praha 7)

Electric forces in the channels of fibrous dielectrics. Acta tech.  
Cz 6 no.1;92-100 '61. (EEAI 10:6)  
(Dielectrics)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617920010-5"

## PHASE I BOOK EXPLOITATION

CZECH/5202

Havlíček, Vladimír, Engineer, Miloš Osten, and Jaromír Šnupárek, Engineer.

Přehled plastických hmot. 2., dopl. vyd. (Review of Plastic Materials, 2d ed.)  
Prague, SNTL, 1960. 424 p. 7,515 copies printed.

Reviewers: František Ludvík, Engineer, and Artur Stoy, Engineer, Docent;  
Resp. Ed.: Vladimír Spáčil, Engineer; Managing Ed. for Literature on Chemistry;  
Chief Ed.: Adolf Balada, Doctor.

PURPOSE: This book is intended for technical personnel in industry and science dealing with plastics.

COVERAGE: This handbook gives the most essential data on the properties and applications of plastics, as well as the methods of machining and working synthetic resins and plastics. The present 2nd edition of this work has been enlarged so as to include material on the most recent advances and bibliography in the field of plastics. The material has been somewhat rearranged. Under macromolecular materials are described the properties common to all plastics

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Review of Plastic Materials, 09/19/2001

CIA-RDP86-00513R000617920010-5"

CZECH/5202

and the qualitative dependence of these properties on chemical structure. In the section on resinous products, divided into hardened and unhardened resinous products, the author discusses their characteristic properties and the type of plastics manufactured from them. Plastics used in the manufacture of consumer goods are classified according to the form in which they are delivered to the molder (finished-product manufacturer) or the consumer, and their properties described. Plastics are also discussed from the point of view of their applications and uses. The following personalities are mentioned: Engineer F. Ludvík, instructor; Engineer Docent A. Stoy; the authors' colleagues of the Výzkumný ústav syntetických průškyřic a laku v Pardubicích (Research Institute of Synthetic Resins and Paints) in Pardubice including Engineer Doctor J. Mleziva, Z. Vanásek, Engineer Plecháček and F. Dalecký for drawing the diagrams; K. Kadanič for preparing the first draft of the manuscript; and A. Tůmová for preparing the reference material. There are 1450 references, chiefly Czech, German, English, and French.

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B162/B101

Method of obtaining urea- ...

of Na sulfate is added. To the solution, which is heated to boiling, 100 parts by weight of I is added in 60 parts by weight of water during 20 min. The solution is boiled for 15 min. The selected sample must not become turbid by cooling. Turbidity appears with a sixfold dilution by water. After the pH is brought up to 8 by a 10% solution of NaOH, the solution is evaporated under a reduced pressure till the contents of dry substances are 70%. The transparent, viscous resin solution obtained becomes slightly turbid in a few days. To cure the resin, the usual solidifiers curing agents can be used. At 100°C the resin cures quickly when diluting with water as well as by adding I in the presence of ammonium chloride or citrate. 2.90 g of I, 12 g of II and 0.8 g of K sulfate are dissolved in 275 g of 40% (in volume) formalin, which contains 0.15% HCOOH. The solution is neutralized by a 10% solution of NaOH and heated at 70°C for 45 min. H<sub>2</sub>SO<sub>4</sub> is added, up to pH 4.8, and is heated at 90°C until the selected sample will remain transparent. A 10% solution of NaOH is added till pH 7.5 and the mixture is evaporated under reduced pressure till the contents of the dry substance will be equal to 65%. The transparent viscous resin dissolves well in water and curing agents in the presence of the usual curing agents with the same rate, as in the example 1. [Abstracter's note: Complete translation.]

Card 2/2

HAVLICEK, Vlastimil

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by Vl. Havlicek. Chem prum 13 no.4:208 Ap '63.

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no.3:93-96 Mr '63.

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CU

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"On the Ordovician representatives of the family Plectambonitidae (Brachiopoda)." p. 397.  
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Uncl.

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of Prague."

SBORNIK, ODDIL PALEONTOLOGICKY, Praha, Czechoslovakia, Ustredni ustav geologicky.  
Vol. 22, 1955.

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p. 245 (Vestnik) Vol 32, no. 4, 1957. Praha, Czechoslovakia

SC: Monthly index of East European Accessions (EEAI) LC Vol. 7, no. 1, Jan 1958

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Uncl.

SURNAME, Given Names

Country: U.S. of America

Academic Degrees: /.../

Affiliation: Co. CIVIL AVIATION, U.S.A. (Standard Motor Sales Co.,) Prague

Source: IRA HQ, 1947-1948

Data: "Soviet aircrafts in Czechoslovakia (1947-1948)"  
/T. G. K. /

GPO 981643

HAVLICEK, Vladimír

HAVLICEK, V.

*Czechoslovakia*

Central Geological Institute -- Prague (Ústřední  
ústav geologický -- Praha)

Prague, Věstník ústředního ústavu Geologického,  
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Devonian of Moravia (Brachiopoda)."

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"Zlichorhynchus hiatus n. s. et n. sp. Brachiopoda from  
the Lower Devonian in Bohemia."

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"The Present State of Knowledge of the Bohemian Cambrian."

HAVLICEK, Vladimir

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HAVLICEK, Vladimir, ins.; LOHR, Jiri, ins.

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1. Research Institute of Synthetic Resins and Lacquers,  
Pardubice.

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HAYLICEK, Z.	
NAME	CZECHOSLOVAKIA
SOURCE	: Chemical Technology, Chemical Products and Their Applications, Food Industry
ABSTRACT NO.	: RZENAM., No. 23 - 1959, No. 83910
AUTHOR	: Haylicek, Z.
TYPE	: T
TYPE	: Transportation of Milk in Tank and Manufacture of Cheese
DATE, PUB.	: Pruzsyl potravin, 1958, 9, No 8, 244-245
ABSTRACT	: From milk, delivered in tanks, 67% of elemen- tary first grade cheese were produced in May, 69% in June, 67% in July, 70% in August and 72% in September. The balancing portion of cheese was graded as second class, and no third grade cheese was produced at all. Based on the conducted experiments a possibility of manufacture elementary cheese from milk, de- livered in tanks was established under con- dition of rapid delivery of high quality milk. -- G. Titov.
CARD:	1/1

H - 118

CZECHOSLOVAKIA

HAYLICEK, Z.; Psychiatric Hospital, Krajsky Institute of National  
Health of the Central Bohemia Kraj (Psychiatricka Lecebna KUNZ  
Stredoceskeho Kraje), Sadska.

"Dynamics of "Lucid Dreams"."

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309 - 315

Abstract: The definition of "lucid dreams" is given. These  
dreams are such where the dreamer knows that he is not  
awake, but has a full command of his mental processes and can  
follow a rational pattern in his actions taking place within the  
dream. Examples of such dreams found in literature and experi-  
enced by the author are given. Experiments of Nevolc who evoked  
lucid dreams by administration of drugs are described. Dreams  
in which dead persons appear are evaluated. Correlation of these  
dreams to reality is described. The element of fear in these  
dreams is discussed. Connection between this type of dream and  
the concept of consciousness and artistic creativity is discus-  
sed. No references. (Manuscript received 26 Feb 66).

PAVLICEK, Z.; PARIZER, J.

TECHNOLOGY

periodicals: PRUMYSL POMRAVIM Vol. 9, no. 8, Aug. 1959

OLCANSKY, C.; PAVLICEK, Z.; PARIZER, J. Acceptance of cheese for  
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CHIARINI, J.; HAVLICKOVA, L.

Research Institute of Organic Synthesis, Pardubice-Rybitvi  
(for both)

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2534-2536 S '63.

Imidazole dyes VIII. Reaktion von 2,4-dinitrophenyl-

gruppe mit imidazol-1,3-dionen.

APPROVED FOR RELEASE: 09/19/2001 HAVLICKOVA CIA-RDP86-00513R000617920010-5"

Imidazole dyes. Pts. 10-11. Coll Cz Chem 28 no.9:2479-2490,  
2534-2536 S '63.

1. Forschungsinstitut fur organische Synthesen, Pardubice-  
Rybitvi.

CZECHOSLOVAKIA

ARIENT, J; HAVLICKOVA, L.

Research Institute of Organic Synthesis (Forschungs-  
institut fur organische synthesen), Pardubice-Rybítvi  
(for both)

Prague, Collection of Czechoslovak Chemical Communications,  
No 9, 1963, pp 2534-2536

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107-118 Ja '63.

1. Organisch-technologisches Laboratorium I, Forschungsinstitut  
fur organische Synthesen, Pardubice-Rybitvi.

CZECHOSLOVAKIA

ARIENT, J; HAVLICKOVA, KNIZEK, J

Research Institute of Organic Syntheses, Pardubice-  
Rybitvi - (for all)

Prague, Collection of Czechoslovak Chemical Communi-  
cations, No 12, December 1966, pp 4602-4603

"Imidazol dyes. Part 19: On the reaction of 1,2-ben-  
zoylene benzimidazole and 1,2-naphthylene benzimidazole."

APPROVED FOR RELEASE: 09/19/2001

STOLOVA, O.; HAVLICKOVA, V.

CIA-RDP86-00513R000617920010-5"

Analysis of the activity in a child hygiene center during 1958. Cesk.  
pediat. 14 no.6:543-547 5 June 59.

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Relation between the character of the soil and the method of working it in the Kralove Hradec region. Rost výroba 9 no.5:467-486 '63.

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"Observations on the Psychotherapeutic Approach of  
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"Determination of the suitability of sheet steel for deep pressin ." p. 343 (Hutnicka Listy  
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Uncl.

A. HAVLIK

Journal of the Iron and  
Steel Institute  
July 1954  
Rolling-Mill Practice

Comparative Tests on Strip Rolled by the Sendzimir Method.  
J. Vojndl and A. Havlik. *Hlinick Listy*. 1953, 8, (12),  
628-633. [In Czech]. The principle of the semi-continuous  
Sendzimir type strip mill, widely used in Poland, is explained.  
An account is given of a strip tinning plant utilizing the  
oxidation-reduction principle for the preparation of sheet  
surfaces before they enter the bath of molten tin. Comparative  
measurements of the sheet and coating thicknesses, as well  
as corrosion, microscopical, and chemical studies on sheet  
prepared by the Sendzimir method and tinned, and on similar  
sheet made by other methods are presented.—P. F.

HAVLIK, A.

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Vol. 2, No. 9, Sept. 1954.

STROJIRNSKA VYROBA

Praha, Czechoslovakia

TECHNLOGY

So: East European Accessions, Vol. 5, No. 5, May 1956

HAVLIK,

4018. Cold Rolled Steel Sheet. *Ocelový plech vlněvaný*.  
za studera. (Czech.) Augustin Havlik. *Hudnické Listy*, N. P.  
no. 11, Nov. 1954, p. 647-650 + 2 plates.  
Rolling conditions and equipment; heat treatments; microchemical  
properties; applications; microstructures. Tables, photographs,  
micrographs. 6 ref.

TEINDL, Josef; HAVLIK, Augustin (Mistek); ZDENEK, Zdenko, inz. (Kladno)

Experimental oxygen-converter steel for making tinplate. Hut  
Listy 16 no.2:103-107 F '61.

1. Clen korespondent Ceskoslovenske akademie ved; Vysoka  
skola banská, Ostrava (for Teindl).

HAVLIK, Augustin; TEINDL, Josef, prof., inzh., dr.

Influence of the melting process and production factors in hot  
rolling on the sheet separation and output in sheet tinning.  
Sbor. VSB Ostrava 8 no. 5: 569-588 '62.

1. Trinecke zelezarny Velke rijnove socialisticke revoluce,  
Valcovny plechu, Frydek - Mistek (for Havlik). 2. Vysoka skola  
banska, Ostrava (for Teindl).

TEINDL, J., prof., inz., Dr.Sc.; ZDENEK, Z., inz.; HAVLIK, A.

Deep-drawing nonaging sheet for tinning and enameling from steel made  
in an experimental oxygen converter. Hut listy 17 no.12:846-853 D '62.

1. Vysoka skola banska, Ostrava (for Teindl). 2. Spojene ocelarny,  
narodni podnik, Kladno (for Zdenek). 3. Trinecke zelezarny Velke  
rjnovce socialisticke revoluce, Frydek-Mistek (for Havlik)

TEINDL, J., prof., inz., DrSc.; HAVLIK, Augustin; ZDENEK, Zd., inz.

Semikilled steel, made in oxygen converter and open-hearth furnace,  
suitable for tinning, enameling and for making automobile parts.  
Hut listy 18 no.6:393-401 Je '63.

1. Vysoka skola banska, Ostrava (for Teindl). 2. Trinecke  
zelezarny Velke rijnove socialisticke revoluce, Frydek - Mistek  
(for Havlik). 3. Spojene ocelarny narodni podnik Kladno (for  
Zdenek).

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617920010-5

HAVAS, J., MUDr.; HAVLIK, A., MUDr.

Gynecological mass screening action in a metropolitan health district. Česk. zdrav. 13 no.9:472-476 3 '65.

1. Okresní gynekolog, Obvodní ústav národního zdraví Praha 5 (for Havas). 2. Gynkologické oddělení, Obvodní ústav národního zdraví Praha 5 (for Havlik).

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617920010-5"

L 18149-66 EWP(t)/EWP(k) JD/HW/RB  
ACC NR: AP6010382

SOURCE CODE: 12/0034/65/000/005/0348/0355

AUTHOR: Teindl, Josef (Professor; Engineer; Doctor of sciences); Havlik, Augustin;  
Zdenek, Zdenko (Engineer)  
ORG: College of Mining, Ostrava (VSB); Metal Sheet Rolling Works, Frydek-Mistek (V.P.);  
Iron and Steel Works of Eastern Slovakia, Kosice (Vychodoslovenske zalezarny)

54  
B

TITLE: Influence of the Thomas converter steel upon the quality of tinned sheet  
27

SOURCE: Hutnické listy, no. 5, 1965, 348-355

TOPIC TAGS: steel, metal rolling, metal drawing, sheet metal, electron microscopy,  
tin, corrosion resistance, metal coating

ABSTRACT: The steel was hot-rolled first into sheet bars, and then into sheet metal,  
which was then covered with tin; deep drawing quality was satisfactory. The Fe Sn<sub>2</sub> interlayers on the Thomas converter steel  
were compared to open hearth steel sheet. The interlayer on the Thomas converter steel sheets is evenly colored, while the open  
hearth steel interlayers usually show a pattern. Sheets of both  
kinds, after the stripping of tin, were examined by electron  
microscopy; both interlayers appear similar and both had dark  
and light spots; corrosion tests made in (sugar + citric acid)  
and (citric acid + salt) solutions with both types of metal  
sheet, after Sn was stripped, showed a higher corrosion resistance of the Thomas converter steel. Orig. art. has: 12 figures and 9 tables. [JPRS]

SUB CODE: 13, 11 / SUBM DATE: none / ORIG REF: 007 / OTH REF: 012  
SOV REF: 001

Card 1/1 vmb

Z

HAVLIK,B.

A concise clue for the determination of our most frequent  
synanthropic flies (Diptera) with ecologic considerations on their  
occurrence in Prague. Cesk. epidem. mikrob. immun. 9 no.:272-  
281 Je '60.

1. Ustav hygieny v Praze.  
(DIPTERA)

HAVLIK, B.; CELEDOVA, Vl.

On the sanitary significance of synantropic flies (Diptera) of the  
Prague flats. Cesk. hyg. 7 no.8:468-474 S '62.

1. Ustav hygieny, Praha.  
(HOUSEFLIES) (HOUSING)

CELEDOVA, V.; PROKESOVA, N.; HAVLIK, B.; MULLER, O.

Demonstration of migration of *Musca domestica* from pig sheds  
into human dwellings. J.hyg.epidem. 7 no.3:360-370 '63.

1. Institute of Hygiene, Prague.

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HAVLIK, B.

The radioactivity of some Czechoslovak flows. Cesk. hyg. 9 no.9:  
551-564 0 '64.

1. Ustav hygieny, Praha.

HAVLIK, B.

The sanitary problem of synanthropic flies of (Diptera) greater  
Prague. Wiad. parazyt. 10 no.4:588-589 '64

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Karola, Praga.

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Influence of uranium ore mining and processing on surface waters.  
Cesk. hyg. 10 no.10:577-588 D '65.

1. Ustav hygieny, Praha.

CZECHOSLOVAKIA

KAVLIK, B; CUTA, J.

Institute of Hygiene (Ustav hygieny), Prague (for both)

Prague, Ceskoslovenska Hygiena, No 8, 1964, p 517-526

"Hygienic Problems of Detergents. V. The Effect of  
Saponates on Selected Fytoplankton Species."

CEB. OSLOVAKIA

HAVLIK, B.

Hygiene Institute (Ustav hygieny), Prague

Prague, Ceskoslovenska Hygiena, Ko 9, 1964, M 551-563

"The Radioactivity of Some Czechoslovak Flows."

HAVÍČEK, F.

"Rotary Forging." p. 40 (Strojírenství, Vol. 3, no. 1, Jan. 1953, Praha)

SC: Monthly List of East European Accessions, Vol. 3, no. 2, Library of Congress,  
Feb. 1954, Uncl.

HAVLIK, F. - Vol. 3, no. 2, Feb. 1955. STROJIRENSKA VYROBA

Rotary swaging in production practice. p. 64.

SO: Monthly list of East European Accessions, (EHAL), LC, Vol. 4, No. 9, Sept. 1955  
Uncl.

Country : CZECHOSLOVAKIA  
Category : General Biology.  
          : Cytology. General Cytology.  
Abo. Jour. : RZhBiol., No. 3, 1959, No. 9586      B  
Author : Cinatl, Josef; Havlik, Frantisek.  
Institut. :  
Title : Some Cases of Nucleic Disintegration and Chromatin Formation  
Orig Pub. : Biologia, 1957, 12, No 9, 699-706  
  
Abstract : The process of karyorrhexis and of basophilic granularity which occurs during nucleic disintegration was studied. When various cells disintegrate, a monotype basophilic granularity may be observed. In continued chromatolysis it may be subjected to two kinds of changes. Sometimes a membrane-like layer is set free from the surface layer of the grain, which becomes basophilically stained; the space between this "membrane" and the centrally located remnants of chromatin becomes oxyphilically stained. These  
Card:      1/2

Country : CZECHOSLOVAKIA

Category = :

Abo. Jour. :

Author :

Institut. :

Title :

Orig. Pub. :

Abstract : formations resemble limecitric elements. In another instance the grains transmute into partly basophilic, and partly oxyphilic formations, which also resemble cells. The authors note that the proponents of the new nucleic theory have mistaken these formations and basophilic grains for a stage of nucleic neoplasm originating from the non-nucleic substance of wounds and exudates  
-- A. I. Braude

Card:      2/2

HAVLIK, J.

Hrdina, A. New production methods of the Klement Gottwald Works in  
Povazska Bystrica. p. 622.  
TECHNICKA PRACA, Bratislava, Vol. 6, no. 10, Oct. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,  
June 1956, Unclassified.

HAVLIK, J.

P 2107. NEGATIVE IMPEDANCE REPEATERS.

J. Cermák and J. Havlik.

Slobozprávny Odbor, Vol. 10, No. 1, 1-7 (1958). In Czech.

A negative-impedance repeater connected in series with a transmission line is briefly analysed and it is shown that the system has optimum stability and gain, if the repeater is inserted at the mid-point of the line. However, since in practice the repeaters can only be connected so advantageously, the problem was investigated experimentally on a series-type transistor repeater and a parallel-type varactor repeater, which were inserted between the subscriber's set and the input to the line. The measurements showed that in the above conditions it is preferable to employ a parallel repeater rather than the series type.

R. J. Hirschfeld

HAVLIK, J.

Measuring with strain gauges in pressure liquids, p. 12

STROJIRNISTVI (ministerstvo tezkeho strojirenshti, ministerstvo creneho strojirenshti  
a Ministerstvo automobileho prumyslu a zemedelskyh stroju)  
P raha, Czechoslovakia  
Vol. ?, no. 1, Jan. 1959

Monthly list of East European accessions (EMAI), LC, Vol. 3, No. 7  
July 1959  
Uncl.

HAVÍČEK, Jan

Second meeting of the graduates of the local industry  
High School in Hranice in Moravia. Dravo 19. nov. 1961.

HAVLIK, Jan

Wood industry in Poland. Drevo 19 no.7:243-245, 258 Jl '64.

1. Faculty of Wood, Higher School of Forestry and Wood, Zvolen.

HAVLIK, J.

Statistics of diseases in medical institutions. Cesk. nemoc. 19 no.  
6-7:79-85 June-Sept 1951. (CLML 23:2)

1. Prague.

-G1